

Clickstream

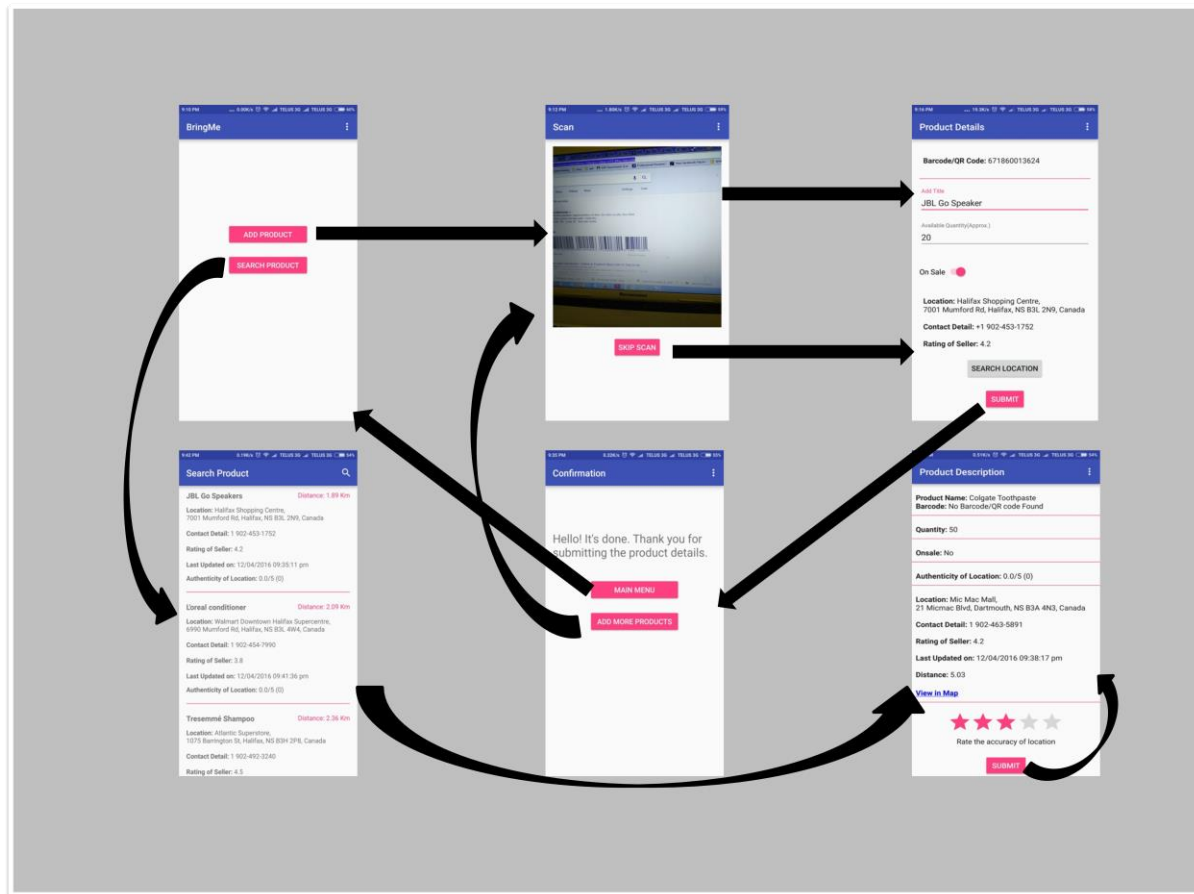


Fig 2: Clickstream

Layout

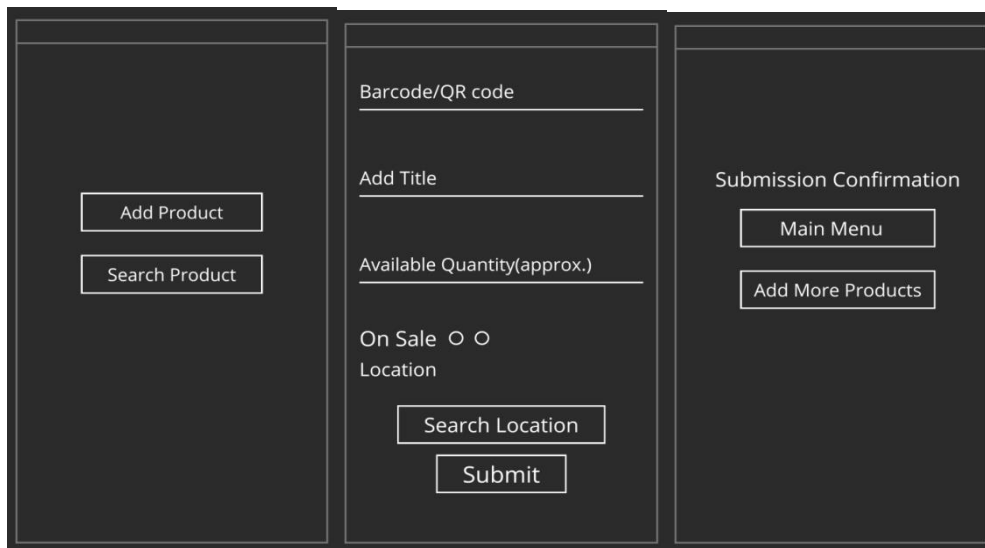


Fig 3: Layout (1)

The figure displays three wireframe screens for a mobile application. The first screen features a large square placeholder for a scan and a "Skip Scan" button. The second screen, titled "Search Product", contains a search icon and a list of fields: Product Title, Distance, Location, Contact Details, Rating of Seller, Last Updated On, and Authenticity of Location. The third screen contains fields for Product Name, Barcode, Quantity, On Sale, and Authenticity of Location, followed by a star rating and a "Submit" button.

Fig 3: Layout (2)

Implementation

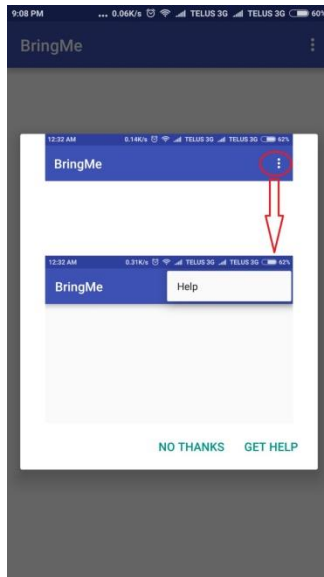
The application implementation is as follows:

Layout 1:



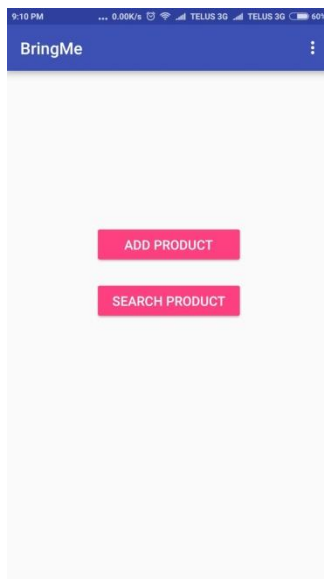
Description: The app icon describing the purpose of application i.e. user friendly product searching. The application name is BringMe.

Layout 2:



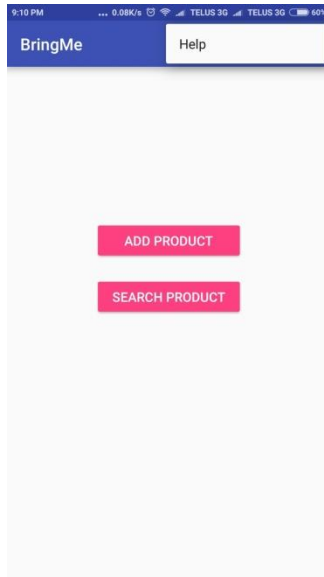
Description: Help guide pop up when the application is installed for the first time.

Layout 3:



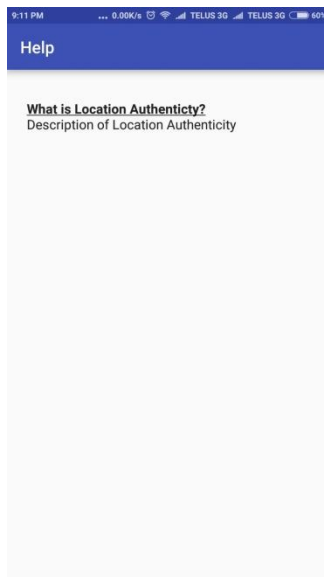
Description: Welcome screen of the application. It briefs 2 main feature of the app i) Adding a product
ii) Searching a product

Layout 4:



Description: Menu item to get help. This option will remain same for all successive layouts.

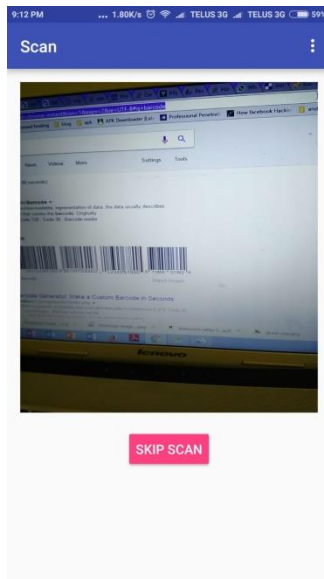
Layout 5:



Description: FAQ's, meaning of other technical terms etc. are shown up in Help page.

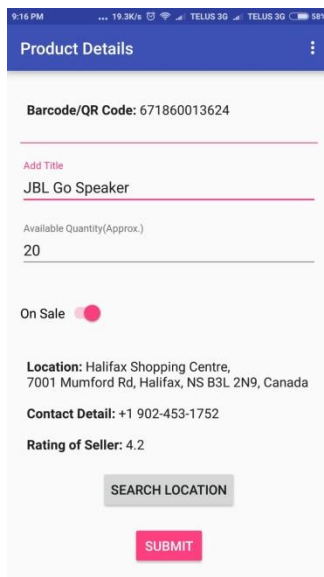
Note: Various other terms and FAQ's are added. Just for the purpose of layout demonstration, only one is shown.

Layout 6:



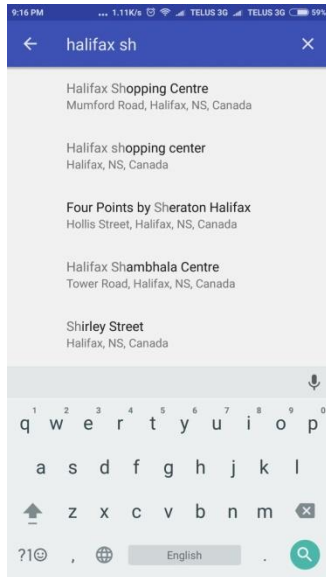
Description: Allow user to add product details by scanning the barcode of the product.

Layout 7:



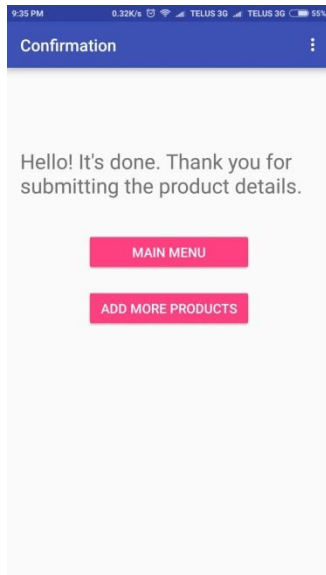
Description: Adding product detail and location of the product purchase. Also, user can add the quantity of the product available and set contact details and rating from the customer.

Layout 8:



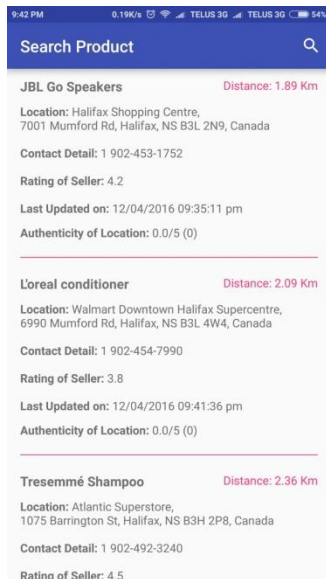
Description: Search exact location address by entering the name of it.

Layout 9:



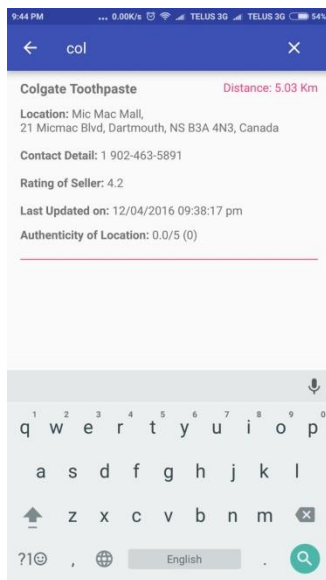
Description: A confirmation message pop up after submitting product details.

Layout 10:



Description: Search product feature allows the user to search for a particular product from the nearest location. Here, a list of products is displayed.

Layout 11:



Description: Search product suggestions, when searched by the user.

Layout 12:

9:45 PM

0.51K/s

TELUS 3G

TELUS 3G

54%

Product Description

Product Name: Colgate Toothpaste

Barcode: No Barcode/QR code Found

Quantity: 50

Onsale: No

Authenticity of Location: 0.0/5 (0)

Location: Mac Mall,
21 Micmac Blvd, Dartmouth, NS B3A 4N3, Canada

Contact Detail: 1 902-463-5891

Rating of Seller: 4.2

Last Updated on: 12/04/2016 09:38:17 pm

Distance: 5.03

[View in Map](#)

★

★

★

★

★

Rate the accuracy of location

SUBMIT

Description: The search results of the product. It shows a complete description of the product, quantity of the product, whether the product is on-sale or not, location of the product and its authenticity, the distance from user's current location, GPS map of the route, ratings from the previous users and seller ratings.

Layout 13:



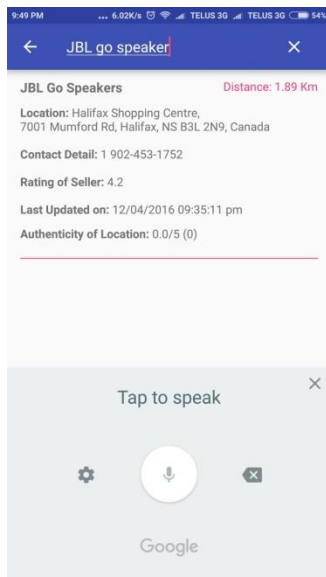
Description: On-clicking the ViewMap button, the product's location will be viewed.

Layout 14:



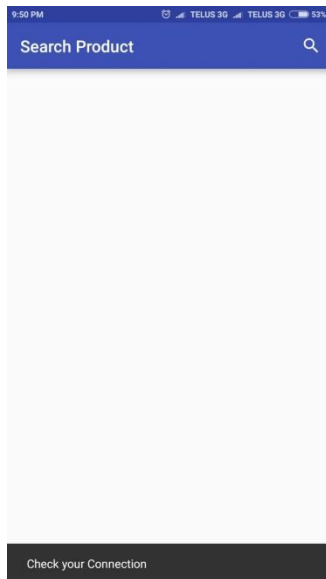
Description: Notification pop up when ratings are submitted by the user, using snake bar.

Layout 15:



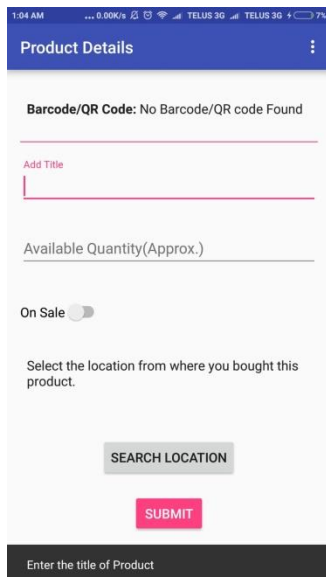
Description: Searching the product with the help of voice recognition.

Layout 16:



Description: Pop up validation whenever internet connectivity is unreachable.

Layout 17:



Description: Pop up validation whenever title for the product is not given in the input by user.

Future Work

The application encompasses its main focus on product searching. To elaborate this experience more profoundly for the users, a wide variety of searches must be incorporated. A user cannot just give the product name as input, but also can give different product specifications, quantity, preferred specifications etc. The searching can also be done based on images of the product. More filters also need to be given for customized searching and result outcome. A user must be given the flexibility of changing its current location manually. A user-friendly profile of the user can be added, which includes previous relevant searches of the user, a priority setting where some products could be added into the favorite list etc.